precision designed & engineered fidelity record playing equipment and accessories

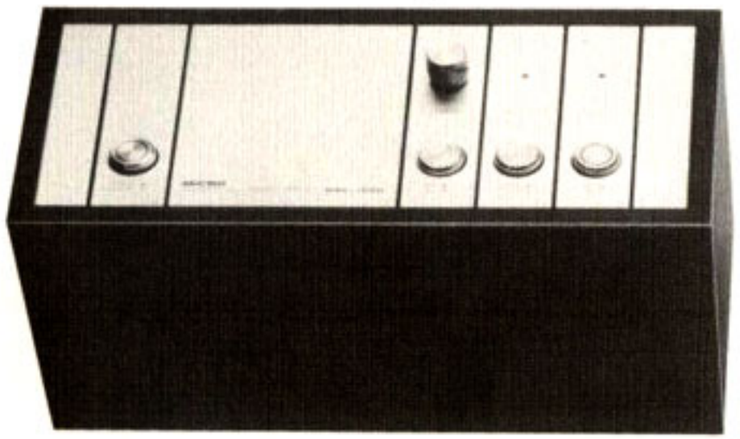
MICRO SEIKI

DQX-1000

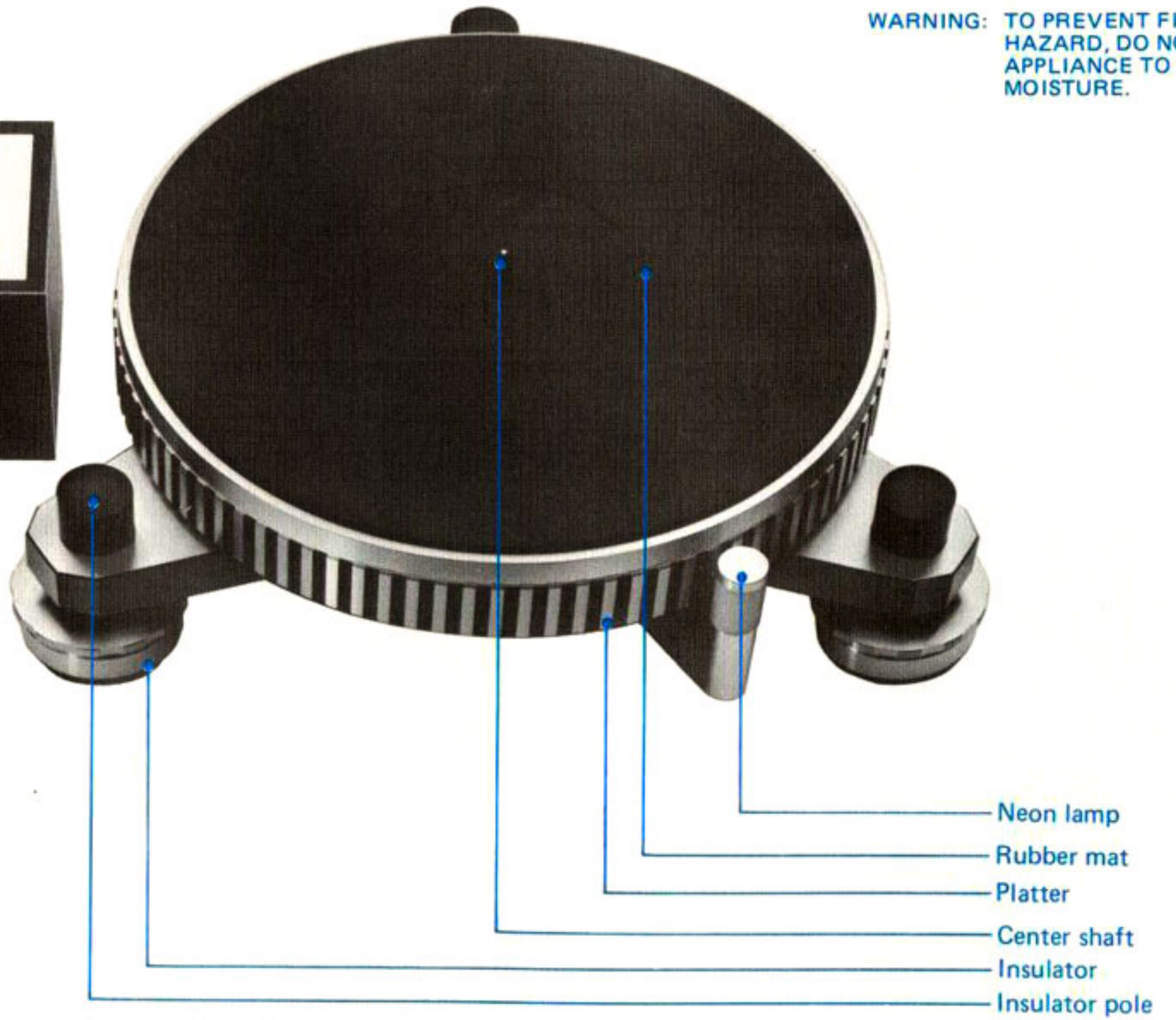
OPERATING MANUAL

Names of Parts

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



Control unit



Make sure you check the accessory parts before assembling the DQX-1000.

- Turntable
- Rubber mat
- Arm mount
- Control unit
- Ground wire (1.5 m)
- Parts pack
  - ① 45 rpm (EP) adapter
  - ② Hexagonal wrench
  - ③ Rest base
  - ④ Rest base collar (2)
  - ⑤ Rest base mounting screws

Photo 1

Mounting the Tonearm

• Setting the tonearm

Choose an arm mount which corresponds to the tonearm which you plan to use and set the tonearm. Do not anchor the tonearm but tighten it only provisionally (this is because the mounting angle of the tonearm will be adjusted later).

Accessory parts

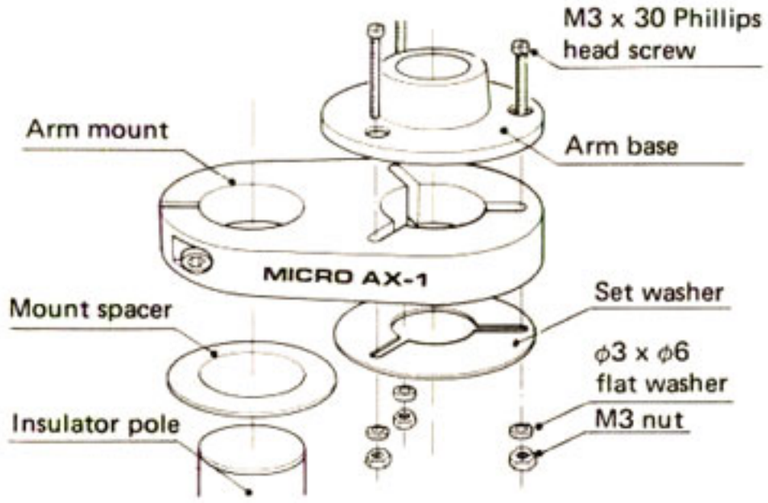
	AX-1	AX-2	AX-3	AX-4	AX-5	AX-6G
① Arm mount	1	1	1	1	1	1
② Mount spacer	1	1	1	1	1	1
③ Set washer	1		1			
④ M3 x 30 Phillips head screw	3		3			
⑤ ϕ3 x ϕ6 flat washer	3		3			
⑥ M3 nut	3		3			
⑦ M2.6 x 8 Phillips head screw		4		4		
⑧ M2.6 x 18 Phillips head screw		4		4		
⑨ M4 x 35 Phillips head screw					3	3
⑩ ϕ4 x ϕ8 flat washer					3	3
⑪ M4 nut					3	3

Using the Various Arm Mounts

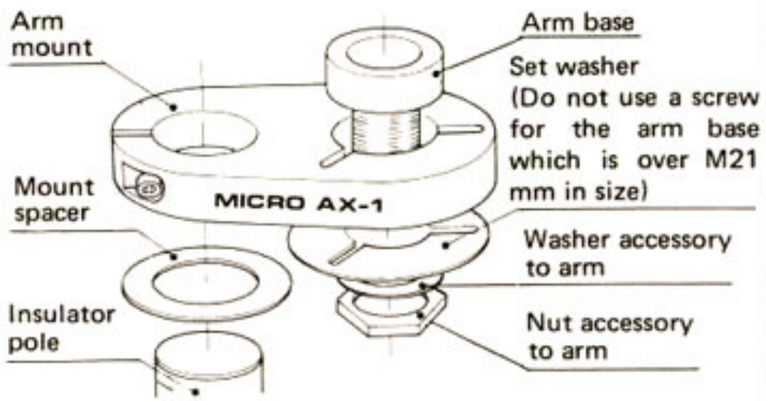
• AX-1

Usable range: 200 to 240 mm (from platter center to arm rotation center)

(1) Base of mounted tonearm
Using three screws for mounting



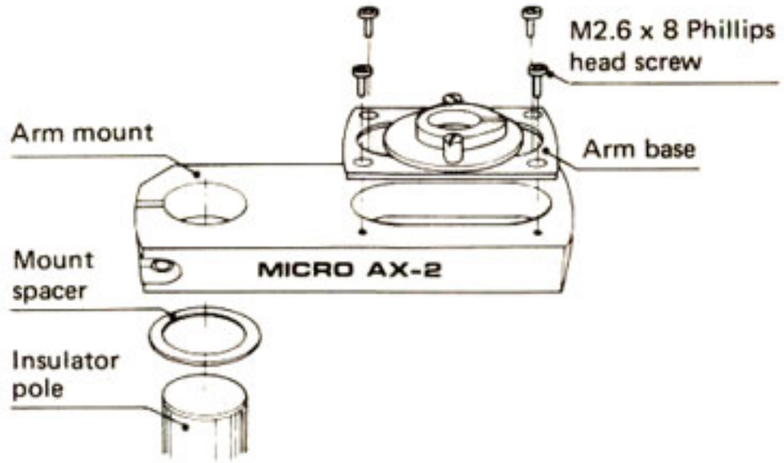
(2) Base of mounted tonearm
Tightening at the center (with a nut) for mounting
(Not for ④⑤⑥)


Arm mount
Arm base
Set washer
(Do not use a screw for the arm base which is over M21 mm in size)
MICRO AX-1
Mount spacer
Washer accessory to arm
Insulator pole
Nut accessory to arm

• AX-2 , AX-4

For SME-3009 (AX-2), SME-3012 (AX-4) only

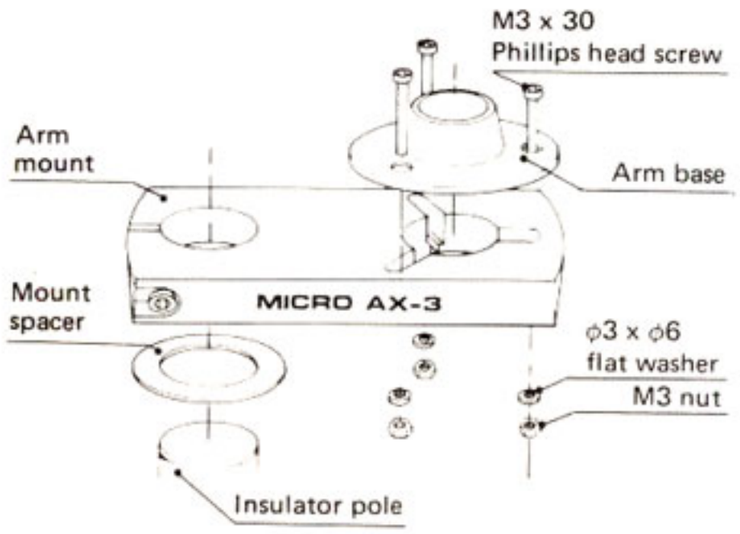
Use the M2.6 x 18 Phillips head screws when using the P.1 spacer (SME optional part).



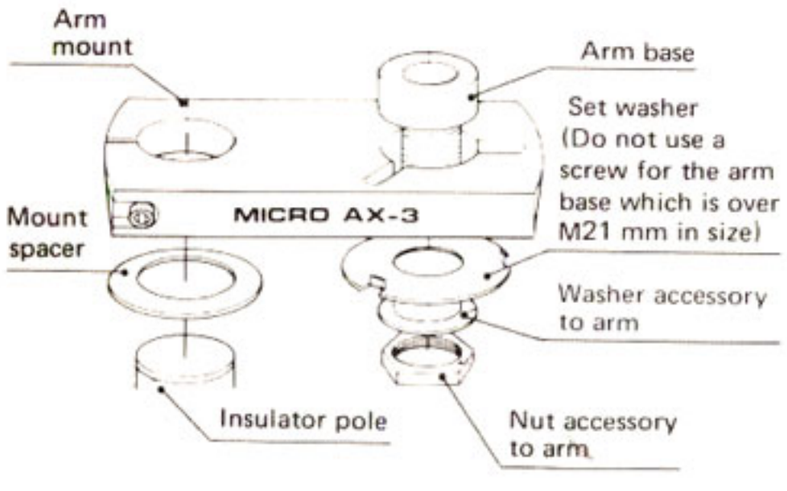
• AX-3

Usable range: 200 to 309 mm (from platter center to arm rotation center)

(1) Base of mounted tonearm
Using three screws for mounting (Not for ③)

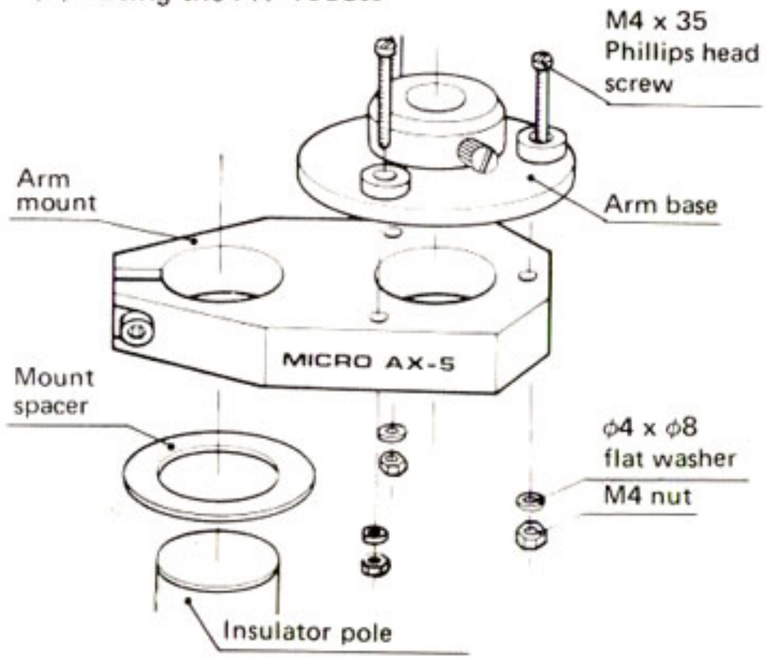


(2) Base of mounted tonearm
Tightening at the center(with a nut) for mounting.
(Not for ④ ⑤ ⑥)

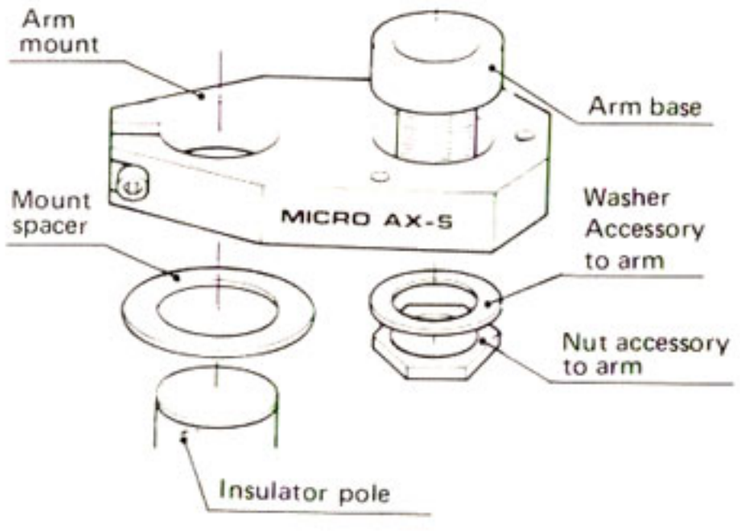


• AX-5

(1) Using the AT-1503II

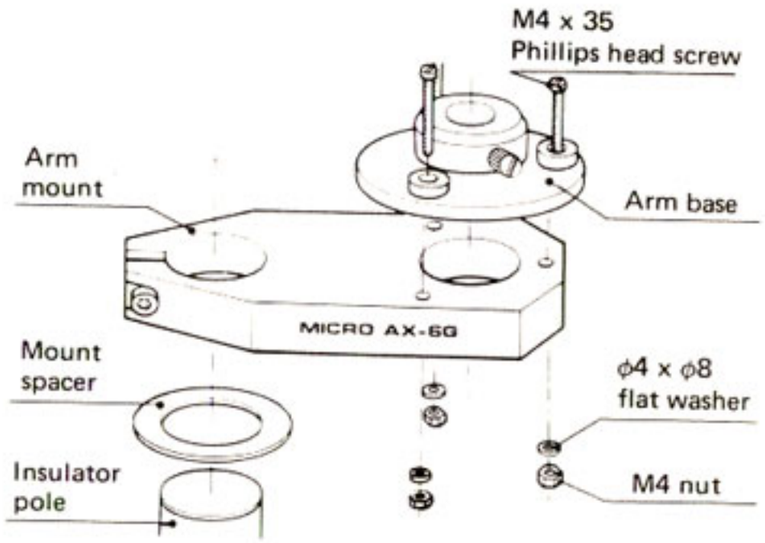


(2) Using the FR-64, EPA-100

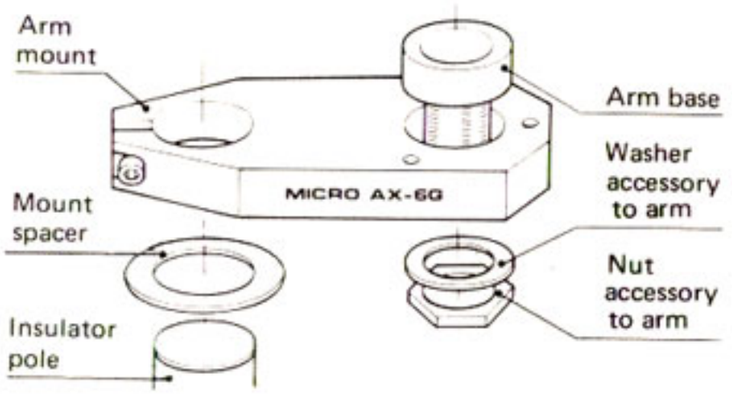


• AX-6G

(1) Using the AT-1501 II



(2) Using the FR-66S, AC-4000MC, UA-7082, WE-506/30



• Mounting the arm mount

Once you have set the tonearm, attach the arm mount on the insulator pole. (Attach the arm mount after you have fitted the mount spacer over the insulator pole.) Mount the cartridge which you are going to use on the tonearm, vary the mounting angle of the arm mount in order to yield the proper overhang for the stylus, and then position the arm mount. Once you have decided on the position, use the hexagonal wrench to anchor the arm mount.

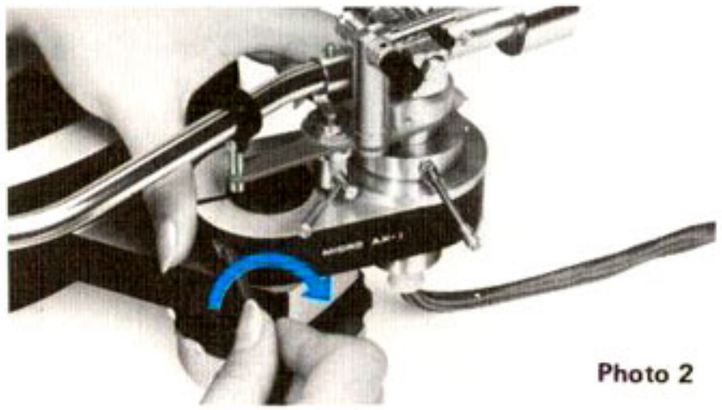


Photo 2

• Mounting the arm rest

Use the arm rest base to set the arm rest when the tonearm and arm rest are supplied separately.

Accessory parts

① Rest base (1)
② Collar A (1)
③ Collar B (1)
④ Hexagon socket head bolt M5 x 8 (1)
⑤ Spring washer for M5 (1)
⑥ Flat washer for M5 (1)

(1) Rotate the pole cap of the DQX-1000's insulator pole in the direction indicated by the arrow, and remove it. (Refer to Fig. 1)

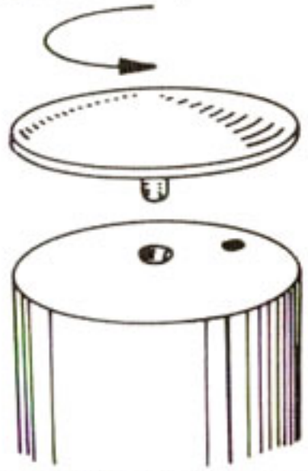


Fig. 1

(2) Slide the arm rest through the rest base and then mount as shown in the figure below.
Note: Use collar A for arm rest screws having a diameter of 4 to 6 mm, and collar B for screws with a diameter of 7 to 8 mm.

(3) Once you have assembled the arm rest, set the rest base on the insulator pole and secure. (Refer to Fig. 2)

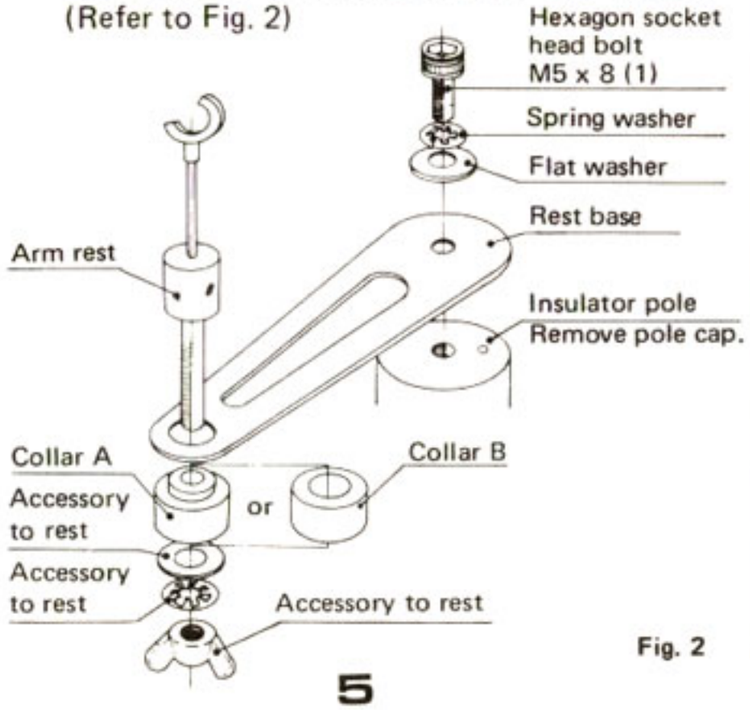
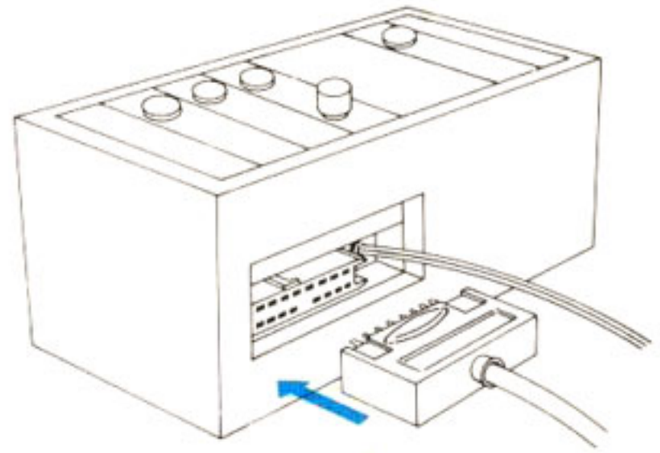


Fig. 2

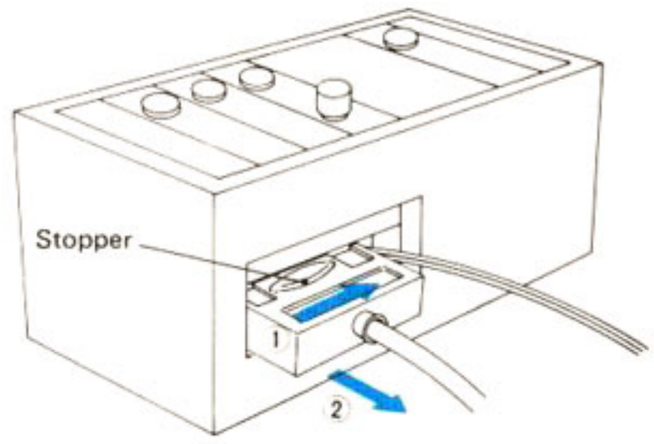
Assembling and Connecting the Main Unit

• Connecting the turntable to the control unit

Connect the connector from the turntable to the control unit, as shown in the figure.



When disconnecting the connector, slide the stopper in the direction of the arrow in the figure and pull it toward you. (Make absolutely sure that you switch the power off when conducting this operation.)



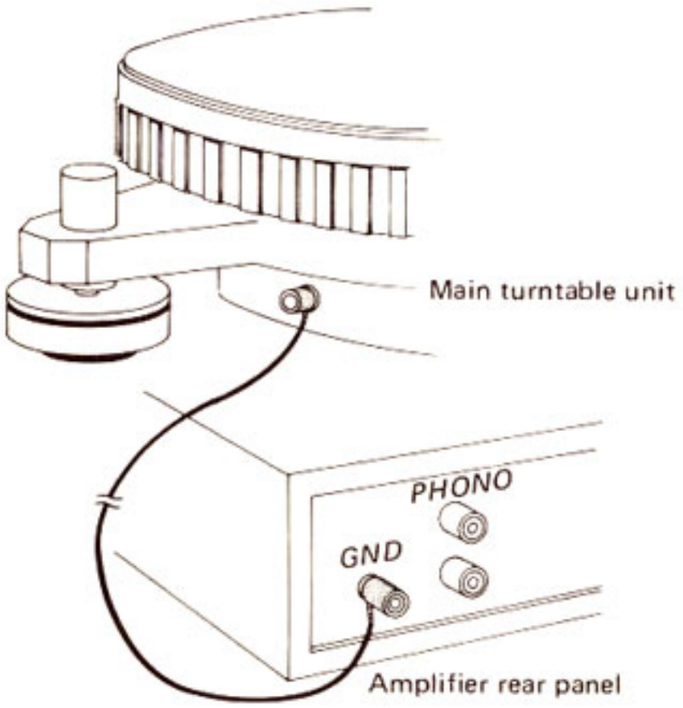
Note:

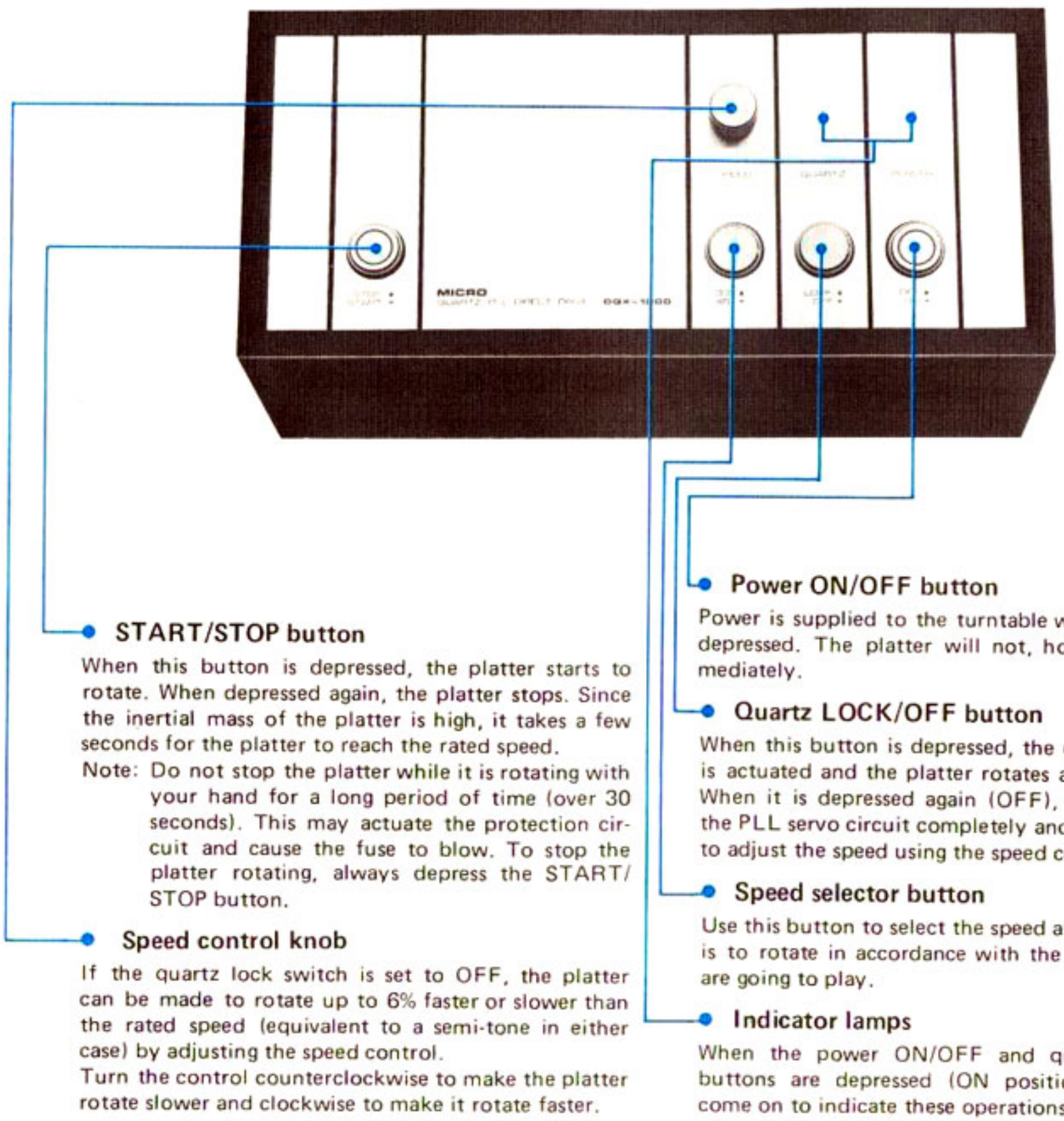
1. Always disconnect the power cord when plugging and unplugging the connector.
2. There is some play in the connector, but this is due to the function of the contact and does not indicate a failure.
3. During operation, do not force the connector up or down since the stopper may move out of place.

Operating the Turntable

• Connecting the ground wire

Connect the accessory ground wire to the main unit and to the amplifier ground terminals.





START/STOP button

When this button is depressed, the platter starts to rotate. When depressed again, the platter stops. Since the inertial mass of the platter is high, it takes a few seconds for the platter to reach the rated speed.

Note: Do not stop the platter while it is rotating with your hand for a long period of time (over 30 seconds). This may actuate the protection circuit and cause the fuse to blow. To stop the platter rotating, always depress the START/STOP button.

Speed control knob

If the quartz lock switch is set to OFF, the platter can be made to rotate up to 6% faster or slower than the rated speed (equivalent to a semi-tone in either case) by adjusting the speed control.

Turn the control counterclockwise to make the platter rotate slower and clockwise to make it rotate faster.

Power ON/OFF button

Power is supplied to the turntable when this button is depressed. The platter will not, however, rotate immediately.

Quartz LOCK/OFF button

When this button is depressed, the quartz lock circuit is actuated and the platter rotates at the rated speed. When it is depressed again (OFF), the signals bypass the PLL servo circuit completely and it is now possible to adjust the speed using the speed control.

Speed selector button

Use this button to select the speed at which the platter is to rotate in accordance with the record which you are going to play.

Indicator lamps

When the power ON/OFF and quartz LOCK/OFF buttons are depressed (ON positions), these lamps come on to indicate these operations.

Precaution for Use

- **Adjusting the height of the insulators**

It is possible to adjust the height of the DQX-1000's insulators. Simply rotate the rings and ensure that the turntable is completely level.

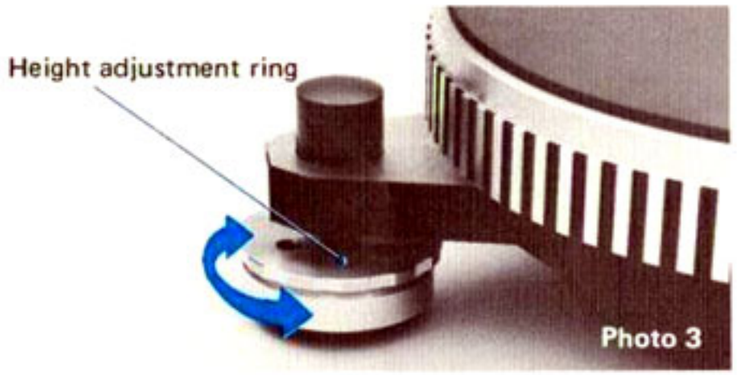
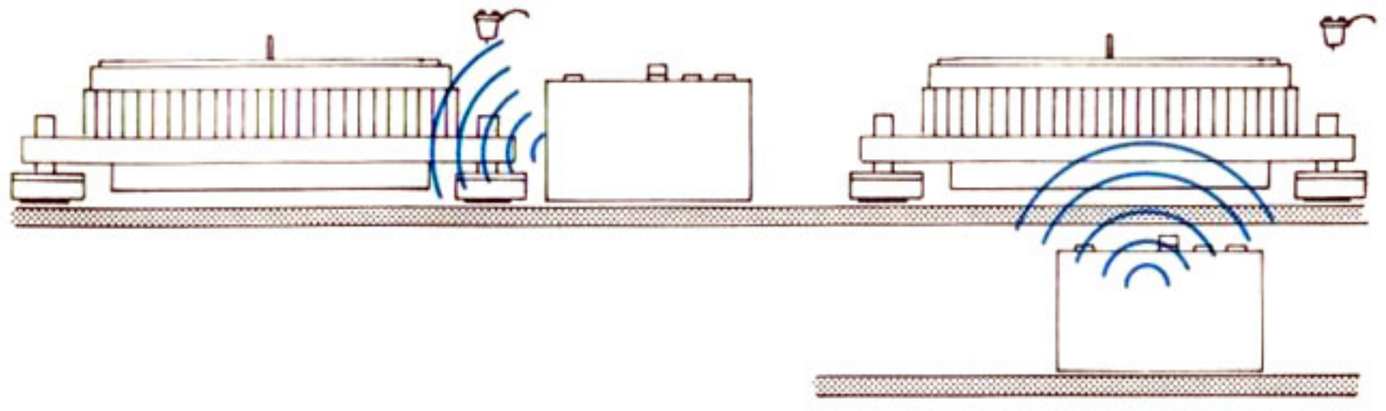
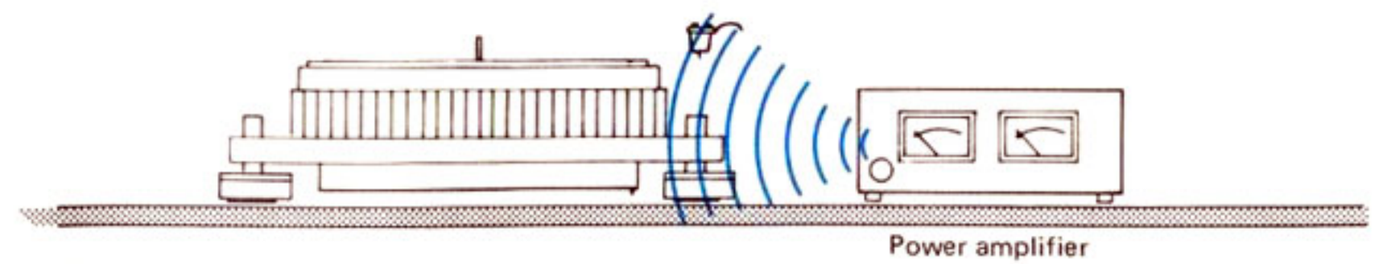


Photo 3

When using an MC (moving coil) cartridge, position the control unit so that it is not affected by the flux from the power transformer. If the cartridge is affected by a high level of flux, this will result in induced hum. This can, however, be forestalled by positioning the control unit on the other side of the cartridge and as far away as possible. The length of the cable connecting the control unit to the main turntable unit is 1.0 meters, and so use this length to minimize the effects of noise.



The cartridge is susceptible to induced hum from the power transformer of the control unit in the examples below.



Note that the same kind of induced hum can also be produced even if the control unit is placed away from the cartridge if there is a power amplifier or control amplifier in its vicinity.

Specifications

Turntable

Drive system	Direct drive system
Motor	Quartz-locked PLL servo DC motor
Speeds	33-1/3 rpm, 45 rpm
Platter	Aluminum with 31 cm (12-1/4 inch) diameter and 2.9 kg (6.38 lbs) weight
Moment of inertia	600 kg·cm^2
Wow & flutter	Less than 0.02%(WRMS)
S/N ratio	More than 75 dB (DIN-B)
Starting torque	1.5 kg·cm
Power	U.S.A. & Canada 120 V, 60 Hz Other areas 220 – 240 V, 50 Hz, 11 W
Dimensions	444 (W) x 444 (D) x 125 (H) mm 17-1/2 (W) x 17-1/2 (D) x 5 (H) inch
Weight	12 kg (26.4 lbs) without control unit

* Design and specifications are subject to modification without notice.

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